



AMENDMENTS TO THE CLAIMS

Claims 1-31. (Canceled)

32. (New) A loudspeaker comprising:
a magnetic circuit;
a frame connected to said magnetic circuit;
a voice coil within a magnetic gap of said magnetic circuit; and
a diaphragm having an outer peripheral portion bonded to said frame via an edge, and
also having an inner peripheral portion bonded to said voice coil,
wherein said edge is made of a foamed resin including both an independent foam and a
continuous foam, and a thickness of a sectional shape of an inner peripheral portion of said edge
is thinner than a thickness of a sectional shape of an outer peripheral portion of said edge.

33. (New) The loudspeaker according to claim 32, wherein
said edge includes convexities and concavities alternately arranged in a peripheral
direction of said edge.

34. (New) The loudspeaker according to claim 33, wherein
the loudspeaker has a length and a width, with the length being greater than the width,
and
a variation in thickness of said edge in a lengthwise direction of the loudspeaker is greater
than a variation in thickness of said edge in a widthwise direction of the loudspeaker.

35. (New) The loudspeaker according to claim 34, wherein
a dimension of said inner peripheral portion of said edge is smaller than a corresponding
dimension of said outer peripheral portion said diaphragm.

36. (New) The loudspeaker according to claim 34, wherein said edge is corrugated in a direction from said inner peripheral portion of said edge to said outer peripheral portion of said edge.

37. (New) The loudspeaker according to claim 34, wherein said edge includes ribs in a direction from said inner peripheral portion of said edge to said outer peripheral portion of said edge.

38. (New) The loudspeaker according to claim 34, wherein said edge includes ribs in a peripheral direction of said edge.

39. (New) The loudspeaker according to claim 34, wherein a thickness of said edge in a lengthwise direction of the loudspeaker is greater than a thickness of said edge in a widthwise direction of the loudspeaker.

40. (New) The loudspeaker according to claim 32, wherein an expansion ratio of said foamed resin differs between said inner peripheral portion of said edge and said outer peripheral portion of said edge.

41. (New) The loudspeaker according to claim 32, wherein said edge includes a skin layer on said foamed resin.

42. (New) The loudspeaker according to claim 32, wherein a dimension of said inner peripheral portion of said edge is smaller than a corresponding dimension of said outer peripheral portion of said diaphragm.

43. (New) The loudspeaker according to claim 32, wherein

said edge is corrugated in a direction from said inner peripheral portion of said edge to said outer peripheral portion of said edge.

44. (New) The loudspeaker according to claim 32, wherein said edge includes ribs in a direction from said inner peripheral portion of said edge to said outer peripheral portion of said edge.

45. (New) The loudspeaker according to claim 32, wherein said edge includes ribs in a peripheral direction of said edge.

46. (New) The loudspeaker according to claim 32, wherein the loudspeaker has a length and a width, with the length being greater than the width, and
a thickness of said edge in a lengthwise direction of the loudspeaker is greater than a thickness of said edge in a widthwise direction of the loudspeaker.

47. (New) The loudspeaker according to claim 32, wherein said diaphragm and said edge are unitarily formed.

48. (New) A loudspeaker comprising:
a magnetic circuit;
a frame connected to said magnetic circuit;
a voice coil within a magnetic gap of said magnetic circuit; and
a diaphragm having an outer peripheral portion bonded to said frame via an edge, and also having an inner peripheral portion bonded to said voice coil,
wherein the loudspeaker has a length and a width, with the length being greater than the width, and

wherein said edge is made of a foamed resin including both an independent foam and a continuous foam, with a thickness of said edge in a lengthwise direction of the loudspeaker being greater than a thickness of said edge in a widthwise direction of the loudspeaker.

49. (New) A loudspeaker comprising:
a magnetic circuit;
a frame connected to said magnetic circuit;
a voice coil within a magnetic gap of said magnetic circuit; and
a diaphragm having an outer peripheral portion bonded to said frame via an edge, and also having an inner peripheral portion bonded to said voice coil,

wherein said edge is made of a foamed resin including both an independent foam and a continuous foam, and includes convexities and concavities alternately arranged in a peripheral direction of said edge.

50. (New) A loudspeaker comprising:
a magnetic circuit;
a frame connected to said magnetic circuit;
a voice coil within a magnetic gap of said magnetic circuit; and
a diaphragm having an outer peripheral portion bonded to said frame via an edge, and also having an inner peripheral portion bonded to said voice coil,

wherein said edge is made of a foamed resin including both an independent foam and a continuous foam, with a dimension of an inner peripheral portion of said edge being smaller than a corresponding dimension of said outer peripheral portion of said diaphragm.

51. (New) A loudspeaker comprising:
a magnetic circuit;
a frame connected to said magnetic circuit;
a voice coil within a magnetic gap of said magnetic circuit; and

a diaphragm having an outer peripheral portion bonded to said frame via an edge, and also having an inner peripheral portion bonded to said voice coil,

wherein said edge is made of a foamed resin including both an independent foam and a continuous foam, with said edge being corrugated in a direction from an inner peripheral portion of said edge to an outer peripheral portion of said edge.

52. (New) A loudspeaker comprising:
a magnetic circuit;
a frame connected to said magnetic circuit;
a voice coil within a magnetic gap of said magnetic circuit; and
a diaphragm having an outer peripheral portion bonded to said frame via an edge, and also having an inner peripheral portion bonded to said voice coil,

wherein said edge is made of a foamed resin including both an independent foam and a continuous foam, and includes ribs in a direction from an inner peripheral portion of said edge to an outer peripheral portion of said edge.

53. (New) A loudspeaker comprising:
a magnetic circuit;
a frame connected to said magnetic circuit;
a voice coil within a magnetic gap of said magnetic circuit; and
a diaphragm having an outer peripheral portion bonded to said frame via an edge, and also having an inner peripheral portion bonded to said voice coil,

wherein said edge is made of a foamed resin including both an independent foam and a continuous foam, and

wherein said diaphragm and said edge are unitarily formed.